

**AMENDMENTS TO THE SPECIFICATION:**

**Please amend the title of the invention as follows:**

**METHOD OF MODULATION AND DEMODULATION OF MODULATING A DIGITAL SIGNAL, IN PARTICULAR IN A FADING FREQUENCY BAND AFFECTED BY FLAT FADING, ASSOCIATED MODULATOR AND DEMODULATOR**

**On page 1 after the title, please insert the following:**

**CROSS - REFERENCE TO RELATED APPLICATIONS**

The present Application is based on International Application No. PCT/EP2003/051003, filed on December 15, 2003, which in turn corresponds to FR 02/16007 filed on December 17, 2002, and priority is hereby claimed under 35 USC §119 based on these applications. Each of these applications are hereby incorporated by reference in their entirety into the present application.

**On page 1 before the first paragraph, please insert the following heading:**

**FIELD OF THE INVENTION**

**On page 1 after the first paragraph, please insert the following heading:**

**DESCRIPTION OF RELATED ART**

**On page 2 after the second full paragraph, please insert the following heading:**

**SUMMARY OF THE INVENTION**

**On page 4 after the third full paragraph, please insert the following:**

Still other objects and advantages of the present invention will become readily apparent to those skilled in the art from the following detailed description, wherein the preferred embodiments of the invention are shown and described, simply by way of illustration of the best mode contemplated of carrying out the invention. As will be realized, the invention is capable of other and different embodiments, and its several details are capable of modifications in various

obvious respects, all without departing from the invention. Accordingly, the drawings and description thereof are to be regarded as illustrative in nature, and not as restrictive.

**BRIEF DESCRIPTION OF THE DRAWINGS**

**On page 5 before the first full paragraph, please insert the following heading:**

**DETAILED DESCRIPTION OF THE INVENTION**

**On page 10 after the final paragraph, please insert the following:**

It will be readily seen by one of ordinary skill in the art that the present invention fulfills all of the objects set forth above. After reading the foregoing specification, one of ordinary skill will be able to affect various changes, substitutions of equivalents and various other aspects of the invention as broadly disclosed herein. It is therefore intended that the protection granted hereon be limited only by the definition contained in the appended claims and equivalents thereof.

**ABSTRACT:**

Please amend the current Abstract and enter the following new Abstract.